(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 23 June 2005 (23.06.2005)

PCT

(10) International Publication Number WO 2005/055981 A2

(51) International Patent Classification7:

A61K 9/00

(21) International Application Number:

PCT/US2004/041154

(22) International Filing Date: 8 December 2004 (08.12.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/528,550

9 December 2003 (09.12.2003)

- (71) Applicant (for all designated States except US): EURO-CELTIQUE S.A. [LU/LU]; 122, Boulevard de la Petrusse, L-2330 (LU).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): FLATH, Robert, P. [US/US]; 15 Northview Place, Yonkers, NY 10703 (US). MASSELINK, John, K. [US/US]; 7 Windsor Place, Old Tappan, NJ 07675 (US).
- (74) Agents: MARKEY, James, G. et al.; Jones Day, 222 East 41st Street, New York, NY 10017-6702 (US).

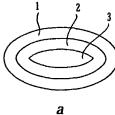
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

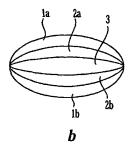
Published:

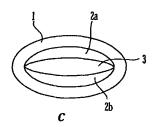
without international search report and to be republished upon receipt of that report

[Continued on next page]

(54) Title: TAMPER RESISTANT CO-EXTRUDED DOSAGE FORM CONTAINING AN ACTIVE AGENT AND AN ADVERSE AGENT AND PROCESS OF MAKING SAME







(57) Abstract: The present invention relates to co-extruded pharmaceutical compositions and dosage forms including an active agent, such as an opioid agonist, and an adverse agent, such as an opioid antagonist. Such compositions and dosage forms are useful for preventing or discouraging tampering, abuse, misuse or diversion of a dosage form containing an active pharmaceutical agent, such as an opioid. The present invention also relates to methods of treating a patient with such a dosage form, as well as kits containing such a dosage form with instructions for using the dosage form to treat a patient.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.